



Air Managers Committee/State Caucus

Regional Haze/WRAP Activity Update
January, 2006

Much of the awaited 2018 base case emissions and modeling were completed in January. These data will be the starting points for states and tribes to develop control measures that go into the long-range strategies for showing reasonable progress to reduce regional haze.

Modeled Estimates of 2018 Baseline Visibility Available

For each Class I area in the WRAP region. These results are still considered preliminary, based on 2018 projected emissions from all source categories, assuming current and enforceable future emission controls, with growth and development, reductions from shutdowns factored in. **States and tribes are now requested to QA the input, making sure the assumptions about future emissions are reasonable and reflect their best estimates about population growth, power plant retirements, additional emission controls and control efficiencies.**

See the 2018 base-case emissions projections at:

[Point and Area Source Emissions Inventory and Control Technology Project Completed](#)

Mobile Source Emissions Inventory Data Completed

Conclusions reached based on these preliminary results are:

- In many Class I areas, the preliminary baseline visibility impairment projections are greater than the Uniform Rate of Progress, (based on EPA defaults for natural conditions), meaning it is likely that additional control measures must be considered as part of the reasonable further progress determinations.
- Some additional work is needed on establishing uniform rates of progress (URP), as in many cases the current conditions used to develop URP glide slopes are influenced significantly by natural, and offshore emissions, which can't be controlled.

First of several informational workshops Held

Through the last several years, the forums, committees and workgroups of the WRAP have assembled a tremendous body of information related to the sources, effects of air emissions on regional haze. The purpose of these workshops is to bring together as concisely as possible this information, in the context of developing plans to meet the regional haze requirements. The first of these workshops addressed the requirement to define the goals for achieving reasonable progress toward natural conditions within the current planning period, 2002-2018. The first of these workshops covered the basics, such as the causes of haze, uniform rates of progress, setting goals, and what we know about the effects of sulfates and nitrates on visibility impairment in the WRAP region.

The agenda and presentations of the workshop can be seen at:
<http://www.wrapair.org/forums/ioc/meetings/060110m/index.html>

The next workshop, addressing fire, carbon and dust emissions is scheduled for May 23-24 in Sacramento. Planning for the second workshop is underway now.

Attribution of Haze II/Technical Support System (AofH/TSS) Make progress

The Attribution of Haze Workgroup got its first hands-on look at updated Attribution of Haze presentations and at the Technical Support System, which will support state and tribal plans. The TSS "mockup" is at: <http://dubhe.cira.colostate.edu/tss/>. *Planners and others who will be using TSS for their Technical Support Documents should go to the website to see what the workgroup has in mind, and offer comments and suggestions.*

The rest of the presentations on the Attribution of Haze II projects are:

Presentation: AoH Phase 2 Analysis and Technical Support System Project Work Plan Update [PDF](#) or [PPT](#)

Presentation: 2005 Progress on Emissions Inventories [PDF](#) or [PPT](#)

Regional Modeling Center to assist on individual BART analyses

A number of states are electing to do individual BART analyses using the CALPUFF model recommended by EPA. A particular challenge is showing the cumulative visibility impacts of BART controls throughout the region, based on the individual CALPUFF modeling for each BART

source. The Regional Modeling Center (RMC) has proposed to provide assistance to the CALPUFF states, beyond its previous plan to only providing the regional meteorological information to those states. The RMC is seeking what specific assistance each state needs to complete.

WRAP submits Comments on EPA Drafts Guidance on Setting Reasonable Progress Goals

The WRAP submitted comments on EPA's November draft guidance on a process for setting reasonable progress goals for regional haze, and comparing these goals as visibility improvements from selected emission control measures in a given year to a "Uniform Rate of Progress" glide slope. The WRAP comments provided a number of suggestions to help the guidance be more applicable to western conditions. While the guidance is useful in addressing large stationary sources, there was limited treatment of how to apply regulatory requirements to other source categories that are more prevalent in western Class I areas. [\(Click Here\)](#) to see the draft. [\(Click Here\)](#) to see the comments.